

## A G E N D A



## Recommendation for Council Action

Austin City Council	Item ID	9206	Agenda Number	5.
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Meeting Date:	8/25/2011	Department:	Austin Energy
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## Subject

Approve issuance of a rebate to Round Rock ISD – Westwood High School for the installation of energy efficient equipment in an amount not to exceed \$73,451.40.

## Amount and Source of Funding

Funding is available in the Fiscal Year 2010-2011 Operating Budget of Austin Energy, Conservation Rebates and Incentive Fund.

## Fiscal Note

There is no unanticipated fiscal impact. A fiscal note is not required.

Purchasing Language:	
Prior Council Action:	
For More Information:	Fred Yebra, P.E., Director, Energy Efficiency Services, at 482-5305 or Scott Jarman, Engineering Supervisor, at 482-5307.
Boards and Commission Action:	Recommended by the Electric Utility Commission and by the Resource Management Commission.
MBE / WBE:	
Related Items:	

## Additional Backup Information

Austin Energy's Energy Efficiency Services requests authorization to issue a rebate to Round Rock ISD – Westwood High School in the amount of \$73,451.40 for the installation of High Efficiency Chillers, Variable Frequency Drives, NEMA Premium Motors, Transformers, High Efficiency Lighting, Lighting Controls, and High Efficiency Direct Expansion Air Conditioning equipment in accordance with the City of Austin's Commercial Rebate Program guidelines. This program is one element of Austin Energy's comprehensive Energy Resource Plan, approved in December 2003 by City Council, designed to reduce local air pollution through energy conservation, to reduce peak demand, and to assist customers in reducing electric consumption.

Westwood High School is located at 12400 Mellow Meadow Drive in Austin, Texas. The demand (kW) savings associated with the high efficiency equipment installed in this project is estimated at 203.76 kW, at a program cost of \$360.49 per kilowatt saved. The avoided kWh, estimated at 545,550 kWh per year, represents a major benefit to the local environment. This project will prevent the following air pollutants from being emitted: 328 metric tons of Carbon Dioxide (CO<sub>2</sub>), 0.21 metric tons of Sulfur Dioxide (SO<sub>2</sub>), and 0.23 metric tons of Nitrogen Oxides (NO<sub>x</sub>).

In addition to the reduced air and toxic metals pollution, the project savings are also equivalent to an estimated 735,502 vehicle miles traveled, the removal of 63 cars from our roadways, or the planting of 8,416 trees or 421 acres of forest in Austin's parks.